

CLAIMS

1. An internal combustion engine comprising at least one engine head (1), to which at least one valve cover (2) and at least one fuel distribution line (4) are associated, the engine being characterized in that the engine head (1) comprises at least one first association means and the valve cover (2) is provided with at least one through aperture (8), the fuel distribution line (4) being associated to the first association means of the engine head (1) through the through aperture (8) of the valve cover (2).
2. An engine according to claim 1, characterized in that the first association means comprises a threaded cylinder means.
3. An engine according to claim 1 or 2, characterized in that the first association means comprises two threaded cylindrical projections.
4. An engine according to claim 1, characterized in that the fuel distribution line (4) is central and pressurized.
5. An engine according to claim 1, 2, 3, or 4, characterized in that it comprises at least one fixation element (7), which enables association of the fuel distribution line (4) with the first association means of the engine head (1).
6. Engine according to claim 5, characterized in that the fixation element is a fixation pin (7) provided with a first end (7') for association with the engine head (1) and a second opposite end (7'") for association with the fuel distribution line (4).
7. An engine according to claim 6, characterized in that the fixation pin (7) comprises a second association means in the form of a first threaded bore (70), located at the first end (7').
8. An engine according to claim 6 or 7, characterized in that the second end (7'") of the fixation pin (7) has a second threaded bore for association with the fuel distribution line (4).
9. An engine according to claim 8, characterized in that the fuel distribution line (4) comprises at least one projecting ear (4'), or an equivalent functioning means, provided with a through bore.
10. An engine according to claim 9, characterized in that the fuel

distribution line (4) is associated to the fixation pin (7) by screwing the projecting ear (4') against the fixation pin by means of a bolt (40) screwed into the second bore (71).

11. An engine according to claim 7, characterized in that the first
5 threaded bore (70) of the fixation pin (7) is screwed to the threaded cylindrical projection of the engine head (1).

12. An engine head, particularly for use on an internal combustion engine, characterized in that it comprises at least one first association means for association of at least one fuel distribution line (4).

10 13. An engine head according to claim 12, characterized in that the first association means comprises a threaded cylindrical projection.

14. An engine head according to claim 12 or 13, characterized by comprising two threaded cylindrical projection.

15 15. A fuel distribution line, particularly for use on an internal combustion engine and on an engine head (1) as defined in claims 1 to 14, characterized in that it comprises a fixation element provided with a first end (7') for association with the engine head (1).

20 16. A line according to claim 15, characterized in that the fixation element (7) comprises a second association means in the form of a threaded bore (70), located at the first end (7').